

Appl. No. 10/825,919
Amdt. Dated March 29, 2010
Reply to Office Action of September 28, 2009

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of injecting an electrolytic solution into an electrolytic solution container, comprising:

dropping electrolytic solution to an open end portion of the electrolytic solution container, wherein the opening into which the electrolytic solution is dropped extends across one side of the electrolytic solution container;

fixing said electrolytic solution container on a turntable rotatable about a center so that said opened portion is directed toward the center; and

rotating said turntable about said center, to thereby inject electrolytic solution that has been dropped into said electrolytic solution container, the electrolytic solution traveling by the operation of centrifugal force, and further wherein there is only a single opening in the electrolytic solution container that is sealed after the electrolytic solution has been injected into the electrolytic solution container.

Claims 2–3. (Canceled)

4. (Previously Presented) A method of injecting an electrolytic solution as set forth in claim 1, wherein an internal size in one direction of a section of said electrolytic solution container is in the range of 1 to 200 µm.

5. (Previously Presented) A method of injecting an electrolytic solution as set forth in claim 1, wherein an internal size in one direction of a section of said

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electrolytic solution container is in the range of 10 to 200 μm .

6. (Previously Presented) A method of injecting an electrolytic solution as set forth in claim 1, wherein an internal size in one direction of a section of said electrolytic solution container is in the range of 20 to 150 μm .

7. (Original) A method of injecting an electrolytic solution as set forth in claim 1, wherein said electrolytic solution has a viscosity of not more than 20 cp.

8. (Original) A method of injecting an electrolytic solution as set forth in claim 1, wherein said electrolytic solution has a viscosity of not more than 10 cp.

9. (Previously Presented) A method of injecting an electrolytic solution as set forth in claim 1, wherein said electrolytic solution container is rectangular in shape.

10. (Currently Amended) A method of manufacturing a wet-type photoelectric conversion device, comprising

dropping electrolytic solution to an open end portion of an electrolytic solution container, wherein the opening into which the electrolytic solution is dropped extends across one side of the electrolytic solution container; and

fixing the electrolytic solution container to a turntable and rotating the turntable with the opening facing a center of the turntable to thereby inject the electrolytic solution, the electrolytic solution traveling through the opening into the electrolytic solution container by operation of centrifugal force, and further wherein there is only a single opening in the electrolytic solution container that is sealed after the electrolytic solution has been injected into the electrolytic solution container.

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11. (Currently Amended) A method of injecting an electrolytic solution, into a space between a semiconductor electrode comprising a semiconductor with a dye and a counter electrode opposed to said semiconductor electrode, said method comprising:

dropping electrolytic solution to an open end portion of an electrolytic solution container, wherein the opening into which the electrolytic solution is dropped extends across one side of the electrolytic solution container;

fixing the electrolytic solution container on a turntable rotatable about a center so that an opened portion of the electrolytic solution container is directed toward the center, the semiconductor electrode and the counter electrode being located within the electrolytic solution container;

injecting said electrolytic solution into at least a part of said space between said semiconductor electrode and said counter electrode by rotating said turntable about said center to thereby inject said electrolytic solution, the electrolytic solution traveling by operation of centrifugal force, and further wherein there is only a single opening in the electrolytic solution container that is sealed after the electrolytic solution has been injected into the electrolytic solution container..

Claims 12.-13. (Cancelled)